

FIG.1

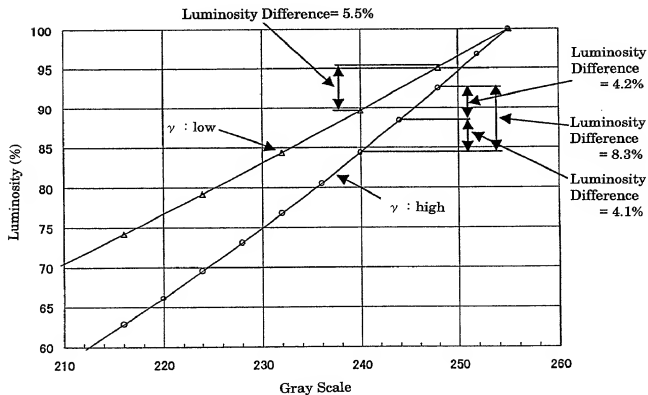


FIG.2

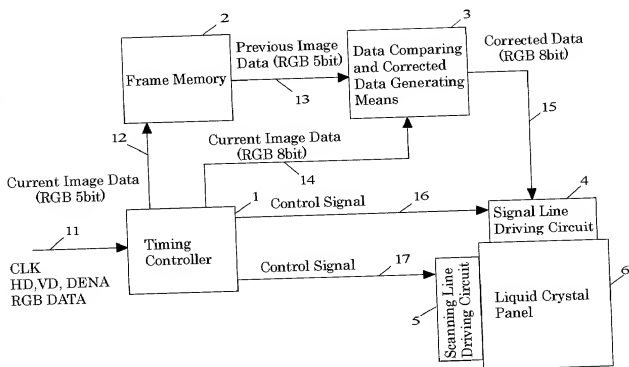


FIG.3

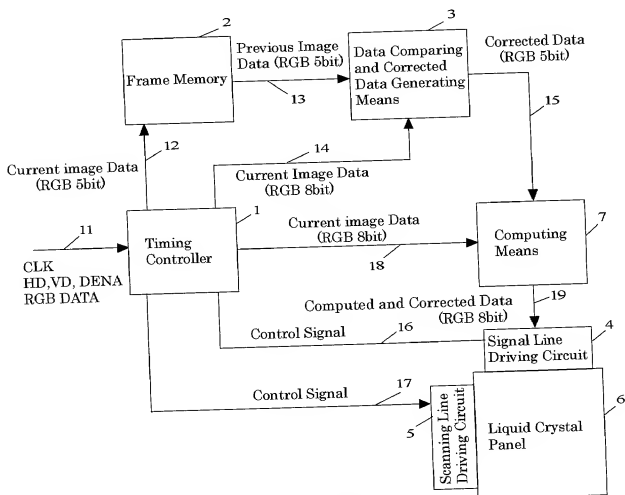


FIG.7

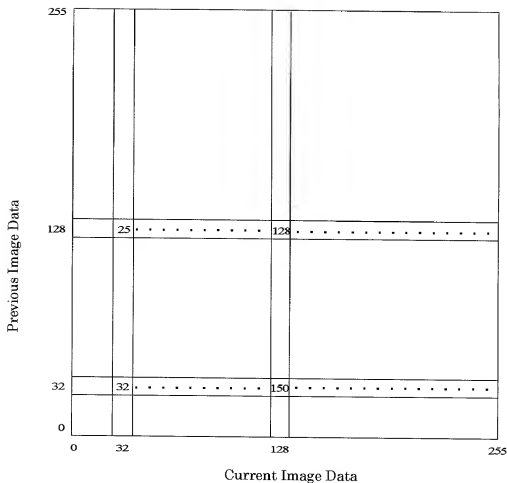


FIG. 4

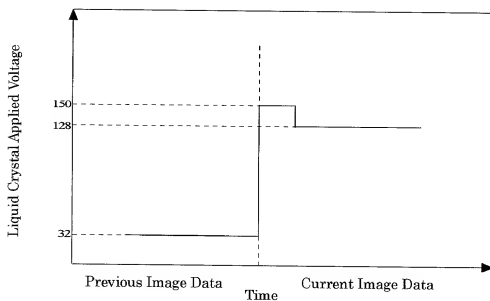


FIG. 5

	Frame Memory Capacity (bit)	Look-up Table Capacity (bit)	No. of Bus Lines
8bit Processing (Prior Art)	18M	1.5M	24
7bit Processing	15.75M	768k	21
6bit Processing	13.5M	384k	18
5bit Processing	11.25M	192k	15
4bit Processing	9M	96k	12
3bit Processing	6.75M	48k	9
2bit Processing	4.5M	24k	6

FIG.6

	Frame Memory Capacity (bit)	Look-up Table Capacity (bit)	No. of Bus Lines
8bit Processing (Prior Art)	18M	1.5M	24
7bit Processing	15.75M	672k	21
6bit Processing	13.5M	288k	18
5bit Processing	11.25M	120k	15
4bit Processing	9M	48k	12
3bit Processing	6.75M	18k	9
2bit Processing	4.5M	6k	6

FIG.8

	Frame Memory Capacity (bit)	Look-up Table Capacity (bit)	No. of Bus Lines
8bit Processing (Prior Art)	18M	1.5M	24
7bit Processing	15.75M	336k	21
6bit Processing	13.5M	72k	18
5bit Processing	11.25M	15k	15
4bit Processing	9M	3k	12
3bit Processing	6.75M	576	9
2bit Processing	4.5M	96	6

FIG.9

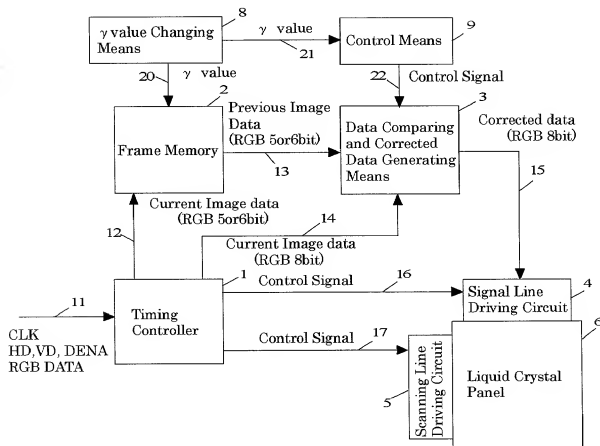


FIG.10

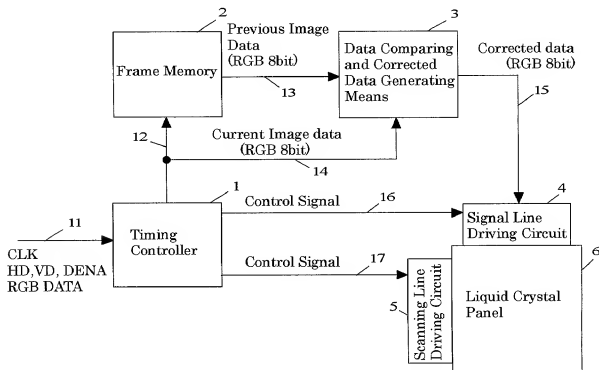


FIG.18 RELATED ART

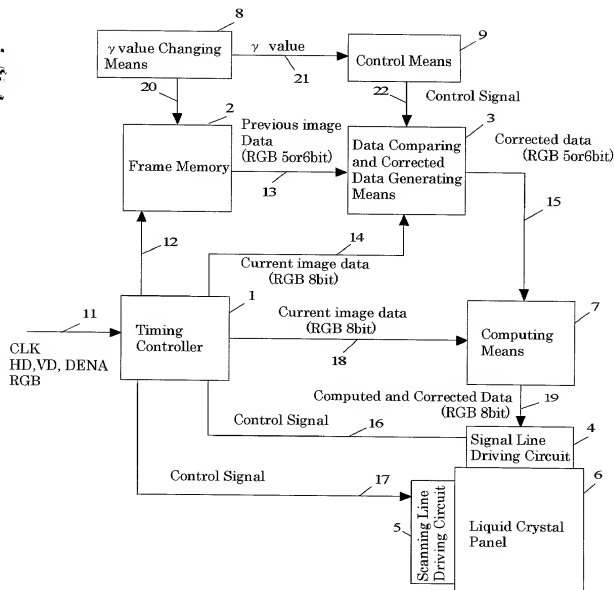


FIG.11

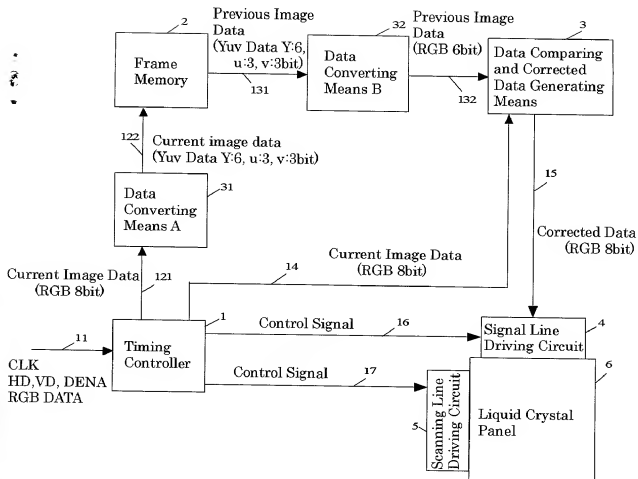


FIG.12

	Look-up Table Capacity (bit)	No. of Bus Lines
24bit Processing (Prior Art)	18M	24
23bit Processing	17.25M	23
22bit Processing	16.5M	22
21bit Processing	15.75M	21
20bit Processing	15M	20
19bit Processing	14.25M	19
18bit Processing	13.5M	18
17bit Processing	12.75M	17
16bit Processing	12M	16
15bit Processing	11.25M	15
14bit Processing	10.5M	14
13bit Processing	9.75M	13
12bit Processing	9M	12
11bit Processing	8.25M	11
10bit Processing	7.5M	10
9bit Processing	6.75M	9
8bit Processing	6M	8
7bit Processing	5.25M	7
6bit Processing	4.5M	6

FIG.13

	Look-up Table Capacity (bit)	No. of Bus Lines
8, 8, 8bit Processing (Prior Art)	1.5M	24
8, 8, 7bit Processing	1.25M	23
8, 7, 7bit Processing	1M	22
7, 7, 7bit Processing	768M	21
7, 7, 6bit Processing	625M	20
7, 6, 6bit Processing	500M	19
6, 6, 6bit Processing	384M	18
6, 6, 5bit Processing	320M	17
6, 5, 5bit Processing	256M	16
5, 5, 5bit Processing	192M	15
5, 5, 4bit Processing	160M	14
5, 4, 4bit Processing	128M	13
4, 4, 4bit Processing	96M	12
4, 4, 3bit Processing	80M	11
4, 3, 3bit Processing	64M	10
3, 3, 3bit Processing	48M	9
3, 3, 2bit Processing	40M	8
3, 2, 2bit Processing	32M	7
2, 2, 2bit Processing	24M	6

FIG.14

0042542-03301

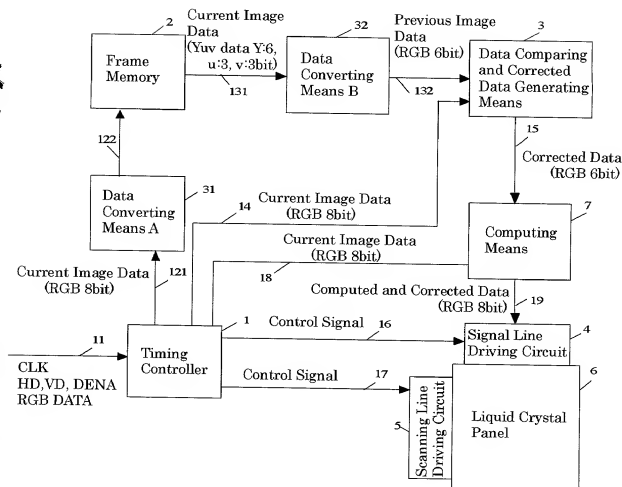


FIG.15

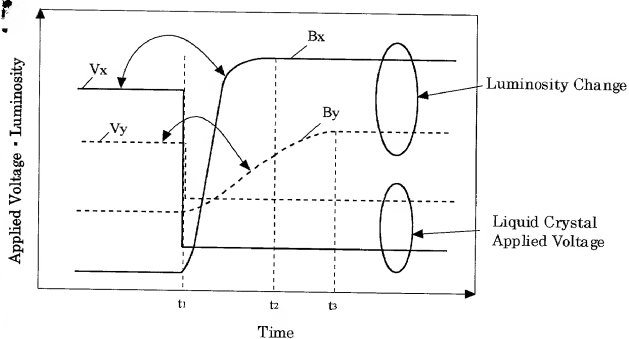


FIG. 16 RELATED ART

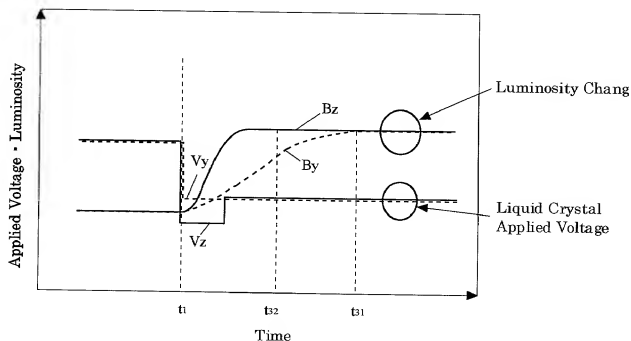


FIG. 17 RELATED ART